

Amendments to the Claims:

Please amend claims 1, 6, 11, 16 and 21 as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) A medical aspiration system, comprising:
a pump; and,

a non-linear flow restrictor coupled to said pump, said non-linear flow restrictor has an effective length of at least eight feet and a plurality of bends that change the direction of fluid flow to create a non-linear relationship between a fluid pressure and a fluid flowrate.

Claim 2 (canceled)

Claim 3 (original) The system of claim 1, wherein said pump is a peristaltic device.

Claim 4 (original) The system of claim 1, wherein said pump is a venturi device.

Claim 5 (canceled)

Claim 6 (currently amended) A medical cutting system, comprising:
a handpiece;
a cutting element attached to said handpiece;
a pump coupled to said handpiece; and,
a non-linear flow restrictor coupled to said pump and said handpiece, said non-linear flow restrictor has an effective length of at least eight feet and a plurality of bends that change the direction of fluid flow to create a non-linear relationship between a fluid pressure and a fluid.

Claim 7 (canceled)

Claim 8 (original) The system of claim 6, wherein said pump is a peristaltic device.

Claim 9 (original) The system of claim 6, wherein said pump is a venturi device.

Claim 10 (canceled)

Claim 11 (currently amended) A medical aspiration system, comprising:
pump means for creating a flow of fluid that has a pressure and a flowrate; and,

flow restrictor means for creating an effective length of at least eight feet and a non-linear relationship between variations in the pressure and the flowrate of the fluid.

Claim 12 (canceled)

Claim 13 (original) The system of claim 11, wherein said pump means includes a peristaltic device.

Claim 14 (original) The system of claim 11, wherein said pump means includes a venturi device.

Claim 15 (canceled)

Claim 16 (currently amended) A medical cutting system, comprising:
a handpiece;
a cutting element attached to said handpiece;
pump means for creating a flow of fluid that has a pressure and a flowrate; and,
flow restrictor means for creating an effective length of at least eight feet and a non-linear relationship between variations in the pressure and the flowrate of the fluid.

Claim 17 (canceled)

Claim 18 (original) The system of claim 16, wherein said pump is a peristaltic device.

Claim 19 (original) The system of claim 16, wherein said pump is a venturi device.

Claim 20 (canceled)

Claim 21 (currently amended) A method for aspirating fluid in a medical system, comprising:

creating a flow of fluid that has a pressure and a flowrate; and,
restricting the flow of fluid in a tube that has an effective length of at least eight feet, by changing a direction of fluid flow a plurality of times so that a variation in the pressure will create a non-linear change in the flowrate.

Claim 22 (canceled)